

**AMENDMENTS TO THE CLAIMS**

1. (Original) A power controller including:

a casing;

a control unit disposed within the casing being configurable to any of a plurality of modes of operation to control power delivery to a light and being responsive to a stimulus wirelessly conveyed thereto from outside the casing to configure to a selected mode of operation determined by the stimulus, the control unit being arranged to receive control signals wirelessly conveyed thereto from outside the casing and to control said power delivery according to the control signals wherein the response of the control unit to control signals differs according to the mode of operation determined by the stimulus.

2. (Currently Amended) A power controller according to ~~any preceding claim 1~~ in which the control unit is responsive to said stimulus to configure to an activated mode in which it is responsive to said control signals to controllably deliver power to the light from a deactivated mode in which it does not deliver power to the light, and vice versa.

3. (Currently Amended) A power controller according to ~~claim 1 any preceding claim~~ including a remote unit outside said casing and operable to wirelessly transmit said control signals to the control unit, in which the control unit is responsive to said stimulus to configure to a programming mode in which it is responsive to said control signals to be programmed thereby to respond in a predetermined way to a predetermined operation of the remote unit.

4. (Currently Amended) A power controller according to ~~claim 1 any preceding claim~~ in which the control unit includes a magnetic detector means and the stimulus is a magnetic field strength in response to which the magnetic detector means is operable to generate a configure signal, wherein the control unit is responsive to the configure signal to configure to a mode of operation determined by the configure signal.

5. (Original) A power controller according to claim 4 including a stimulus means remote from the control unit and outside said casing and including a magnetic field means for providing a magnetic field of sufficient strength to be remotely detectable by the magnetic detector.

6. (Currently Amended) A power controller according to ~~any of claims 4 and 5~~ claim 4 in which the control unit is configurable to a selected mode of operation according to any of: the duration of a given configure signal; the number of a succession of configure signals; the rate of receipt of successive configure signals thereby; the magnitude of a given configure signal.

7. (Currently Amended) A power controller according to ~~any of claims 5 to~~ claim 6 in which the magnetic field means is a permanent magnet.

8. (Currently Amended) A power controller according to ~~any of claims 4 to 7~~ claim 4 in which the magnetic detector means includes a sensor means including any of: a reed switch; a Hall-Effect switch, a magnetic relay switch; an inductor coil, and the magnetic detector is responsive to said stimulus using the sensor means.

9. (Currently Amended) A power controller according to claim 1 ~~any preceding claim~~ suitable for outdoor use in which the control unit is encased in a substantially watertight weather-proof casing.

10. (Currently Amended) A power controller according to claim 1 ~~any preceding claim~~ in which the casing is transparent.

11. (Currently Amended) A power controller according to claim 1 ~~any preceding claim~~ in which the control signals are conveyed using any of: Infra-red (IR) light; microwaves; radio waves.

12. (Currently Amended) A power controller according to claim 1 ~~any preceding claim~~ in which the control unit is configurable to a mode of operation in which it is responsive to said

control signals to change the amount of electrical power delivered to the light in use to controllably vary the radiant output of the light.

13. (Currently Amended) A power controller according to claim 1 ~~any preceding claim~~ in which the control unit includes a photo-sensor means within the casing for determining the level of ambient illumination outside the casing, and for configuring the control unit to a mode of operation according to the ambient illumination level so determined.

14. (Currently Amended) A power controller according to claim 1 ~~any preceding claim~~ including a power source connector means arranged to connect to the power source from which the light receives power in use such that the power from the power source passes through the power controller before reaching the light, wherein the power controller is arranged to control the delivery of power from the power source to the light.

15. (Original) A power controller according to claim 14, wherein the casing includes a plurality of prongs extending outwardly thereof and shaped to be intimately received within a reciprocally shaped socket means of the power source connector means such that the casing is detachably attachable to the power source connector means therewith, the prongs being operably connected to the control unit to convey power from the power source to the light via the control unit when the casing is attached to the power source connector means in use.

16. (Original) A power controller including:  
a casing;  
a control unit disposed within the casing and arranged to control power delivery to a light;  
a heat sink means disposed within the casing in a space between the control unit and parts of the casing, the heat sink means including a group of vane members each positioned in an array of vane members collectively surrounding at least a part of the control unit in which vane members are arranged to partially overlap a neighbouring vane member in separated opposition

thereto to define fluid ventilation ducts, the vane members extending to collectively define a fluid ventilation conduit in fluid communication with the fluid ventilation ducts and within which the at least a part of the control unit is located.

17. (Original) A power controller according to claim 16 wherein the fluid ventilation conduit defines an outlet opening at an end thereof for the outflow of fluid drawn into the fluid ventilation conduit.

18. (Original) A power controller according to claim 17 in which the outlet opening of the fluid ventilation conduit is in fluid communication with at least some of said fluid ventilation ducts via free space outside the fluid ventilation conduit between the heat sink means and the casing.

19. (Currently Amended) A power controller according to ~~any of claims~~ claim 17 to 18 in which the vane members extend to collectively converge towards the outlet opening such that the fluid ventilation conduit collectively defined by the vane members is substantially conical having an inner bore which reduces towards the outlet opening.

20. (Currently Amended) A power controller according to ~~any of claims~~ claim 17 to 19 in which the vane members are joined by a cover member which extends over the control unit and within which is formed an aperture defining the outlet opening.

21. (Original) A power controller according to claim 20 in which the vane members and the cover member collectively define a concavity within which the control unit is located.

22. (Currently Amended) A power controller according to ~~any of claims 20 and 21~~ claim 20 in which the control unit is connected to the heat sink means.

23. (Currently Amended) A power controller according to ~~any of claims 20 to 22~~ claim 20 in which the control unit is physically attached to the cover member.

24. (Currently Amended) A power controller according to ~~any of claims 16 to 23~~ claim 16 in which the control unit includes temperature monitor means for measuring the temperature within the casing and for configuring the control unit to a deactivated mode when the temperature is measured by the temperature monitor means to exceed a predetermined value.

25. (Currently Amended) A power controller according to ~~any of claims 16 to 24~~ claim 16 in which the surface of the heat sink means presented outwardly towards the casing is matt black in colour.

26. (Currently Amended) A power controller according to ~~any of claims 16 to 25~~ claim 16 in which the separation between partially overlapping parts of neighbouring vane members of the heat sink means is at least 0.5 mm.

27. (Currently Amended) A power controller according to ~~any of claims 20 to 26~~ claim 20 in which the cover member contains a plurality of apertures each of which defines a fluid ventilation outlet opening.

28. (Currently Amended) A power controller according to ~~any of claims 16 to 27~~ claim 16 in which the fluid conduit has a fluid inlet opening at an end of the conduit opposite the end having the fluid outlet opening, and in fluid communication with the free space between the heat sink and the casing outside the heat sink.

29. (Original) A power controller according to claim 28 in which the fluid inlet opening faces the part of the casing upon which the control unit is mounted, in spaced opposition thereto.

30. (Currently Amended) A power controller according to claim 28 or ~~29~~ in which the parts of the heat sink defining the fluid inlet opening surround the control unit.

31. (Cancelled)

32. (Currently Amended) A method of controlling power delivery to a light including:  
providing a power controller ~~according to any of claims 1 to 15 or claim 31;~~  
wirelessly conveying a stimulus to the power controller from outside the casing  
thereof to configure to a selected mode of operation determined by the stimulus; and  
wirelessly conveying control signals to the controller from outside the casing to  
control said power delivery according to the control signals.

33. (Original) A method according to claim 32 including providing said stimulus to  
configure the control unit to an activated mode in which it is responsive to said control signals to  
controllably deliver power to the light from a deactivated mode in which it does not deliver power  
to the light, or vice versa.

34. (Currently Amended) A method according to claim 32 ~~or claim 33~~ including wirelessly  
transmitting said control signals to the control unit after configuring the power controller to a  
programming mode in which it is responsive to said control signals to be programmed thereby to  
respond in a predetermined way to subsequent control signals.

35. (Currently Amended) A method according to ~~any of claims 32 to 34~~ claim 32 in which  
the stimulus is a magnetic field strength, the method including generating a configure signal using  
the control unit in response to the stimulus, and configuring the control unit to a mode of operation  
determined by the configure signal.

36. (Original) A method according to claim 35 including configuring the control unit to a  
selected mode of operation according to any of: the duration of a given configure signal; the number  
of a succession of configure signals; the rate of receipt of successive configure signals thereby; the  
magnitude of a given configure signal.

37. (Currently Amended) A method according to ~~any of claims 32 to 36~~ claim 32 including configuring the control unit to a mode of operation in which it is responsive to control signals to change the amount of electrical power delivered to the light in use to controllably vary the radiant output of the light, and wirelessly transmitting such control signals to the control unit.

38. (Currently Amended) A method according to ~~any of claims 32 to 37~~ claim 32 including providing a photo- sensor means within the casing for determining the level of ambient illumination outside the casing, and configuring the control unit to a suitable mode of operation according to the ambient illumination level so determined.

39. (Currently Amended) A method according to ~~any of claims 32 to 38~~ claim 32 including connecting the control unit to the power source from which the light receives power in use, and directing the power from the power source through the control unit before reaching the light, and controlling the delivery of power from the power source to the light using the control unit.

40. (Currently Amended) A method according to ~~any of claims 32 to 39~~ claim 32 including measuring the temperature of the control unit and configuring the control unit to a deactivated mode when the temperature is measured to exceed a predetermined value.